

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("7113550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:05
L2	1	("7180957").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:06
L3	1	("6917312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:16
L4	1	("7180958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:16
L5	1	("7180959").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:17
L6	1	("20060126751").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:18
L7	17	ZERBE and (sampl\$3 with channel) and (code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:19
L8	1	ZERBE and (sampl\$3 with channel) and (code with transition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:19
L9	1	("7072415").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:20
L10	1	("7308044").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 16:25
L11	1	(code\$1 with (transition\$1 near3 level\$1)) and ((cod\$3 near2 gain) or (minimum adj1 distance near2 (sampl\$1 or symbol\$1))) with (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:35
L12	1	(code\$1 with (transition\$1)) and ((cod\$3 near2 gain) or (minimum adj1 distance near2 (sampl\$1 or symbol\$1))) with (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:36
L13	1	(code\$1 with (transition\$1 or swing)) and ((cod\$3 near2 gain) or (minimum adj1 distance near2 (sampl\$1 or symbol\$1))) with (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:36

L14	9	375/242,259,286.cds. and (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:37
L15	2	375/242,259,286.cds. and (code same (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:38
L16	6	375/242,259,286.cds. and (code\$1 and (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:38
L17	11	341/58,59,95.cds. and (code \$1 and (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:39
L18	0	341/58,59,95.cds. and (code \$1 and ((gain or distance) with (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:40
L19	2	341/58,59,95.cds. and (code \$1 and ((gain or distance) same (sampl\$3 near3 (channel near2 (response or (transfer adj1 function))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:40
L20	4	"5956195" and ((sampl\$3 or digitiz\$3) with (channel or response))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/30 16:43
L21	1	("20040170231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 17:08
S1	2	(optimal near3 transition \$1limiting adj1 code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 13:05
S2	12	(transition\$1limiting adj1 code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:01
S3	15	((transition\$1limiting) or (transition adj1 limiting)) adj1 code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 13:10
S4	2	((transition\$1limiting) or (transition adj1 limiting)) adj1 code\$1) and (cod\$3 near3 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 13:10
S5	43	(determin\$3 near4 cod\$3 near3 gain) same (select\$3 near6 code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:09
S6	1	("6031472").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:10

S7	1	("6538584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:10
S8	1	("6731692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:11
S9	1	("20030152154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:12
S10	0	("2003018134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:12
S11	1	("20030108134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:23
S12	1	("20050063506").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:35
S13	1	("20010030565").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 15:42
S14	0	("10622337").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 15:42
S15	0	("10667492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 15:43
S16	0	"10667492"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:06
S17	1	("20050063506").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 17:10
S18	1	("20020172312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 17:16
S19	1	("20020056854").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:41
S20	12	((full\$1swing adj1 transition \$1) near4 (control\$3 or reduc \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/12 11:42
S21	6	((full\$1swing adj1 transition \$1) near4 (control\$3 or reduc \$3) with code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/12 11:41
S22	6	((full\$1swing adj1 transition \$1) near7 (control\$3 or reduc \$3) with code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/12 11:41
S23	12	((full\$1swing adj1 transition \$1) near5 code\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/12 11:43
S24	1	("5859601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:42
S25	1	("6526530").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:44
S26	1	("6819137").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:45

S27	1	("6917312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:48
S28	1	("7113550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:49
S29	1	("7180957").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:51
S30	1	("7113550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:52
S31	1	("7180958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:53
S32	1	("7180959").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:54
S33	1	("7302631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:55
S34	1	("20040109510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:56
S35	1	("20030152154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:57
S36	1	("20060126751").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 09:58
S37	1	("20050099325").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 10:00
S38	1	("20040240580").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 10:01
S39	1	("20040208257").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 10:02
S40	1	("20040170231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 10:35
S41	1	("20040109509").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 10:15
S42	15	(coding adj1 gain) near6 (select\$3 near3 code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 10:40
S43	2	(select\$3 or choos\$3) near8 code\$1 with (full\$1swing adj1 transition\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 11:39
S44	20	(code\$1 near6 limit\$3 near9 transition near5 level\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 12:30
S45	15	(transition-limiting adj1 code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 14:39
S46	59	((full adj1 swing) or (full \$1swing)) near7 cod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:54

S47	15	((full adj1 swing) or (full \$1swing)) near7 cod\$3 and (cod\$3 near5 (gain or power or weight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:58
S48	6	((full adj1 swing) or (full \$1swing)) near7 cod\$3 and (cod\$3 near2 (gain or power or weight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:58
S49	9	(full adj1 swing adj1 eliminat \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 15:08
S50	3457	(coding adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 15:09
S51	121	(coding adj1 gain) near6 (select\$3 or choos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 15:09
S52	2	(largest or highest or biggest) adj1 (coding adj1 gain) near6 (select\$3 or choos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 15:10
S53	15	(largest or highest or biggest) adj1 (coding adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 15:11
S54	1	("7081838").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/11 15:20
S55	1	("7113550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/11 15:22
S56	22	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near4 (largest or maximum or optim\$2) near2 (coding adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:04
S57	413	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near4 (largest or maximum or optim\$2) near2 (snr or (signal adj1 noise adj1 ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:10
S58	1	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near2 (code) near4 (largest or maximum or optim\$2) near2 (snr or (signal adj1 noise adj1 ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:11
S59	72	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near2 (code) near6 (snr or (signal adj1 noise adj1 ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:12

S60	219	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near2 (code) near6 ((snr or (signal adj1 noise adj1 ratio) or (ber or (bit adj1 error adj1 rate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:13
S61	0	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near2 (code) near6 ((snr or (signal adj1 noise adj1 ratio) or (ber or (bit adj1 error adj1 rate))) and (full\$1swing adj1 transition\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:13
S62	0	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near2 (code) near6 ((snr or (signal adj1 noise adj1 ratio) or (ber or (bit adj1 error adj1 rate))) and (full\$1swing adj1 transition\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:13
S63	0	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) near2 (code) near6 ((snr or (signal adj1 noise adj1 ratio) or (ber or (bit adj1 error adj1 rate))) and (swing adj1 transition\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:13
S64	80	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) adj1 (code) near6 ((snr or (signal adj1 noise adj1 ratio) or (ber or (bit adj1 error adj1 rate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:14
S65	47	(select\$3 or choos\$3 or detect\$3 or finds\$3 or pick\$3) adj1 (code) near6 ((snr or (signal adj1 noise adj1 ratio) or (ber or (bit adj1 error adj1 rate))) and @ad= "20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:15
S66	0	((full\$1swing adj1 elimination) or (full adj1 swing adj1 elimination)) adj1 code\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:44
S67	0	((full\$1swing) or (full adj1 swing)) adj1 code\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:45
S68	386999	(full adj1 swing adh1 elimination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:46

S69	8	(full adj1 swing adj1 elimination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:46
S70	4	(full adj1 swing adj1 elimination) near5 cod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:46
S71	58	(full adj1 swing) near5 cod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:47
S72	58	((full adj1 swing) or (full \$1swing)) near5 cod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 13:47
S73	5	"7113550"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 14:16
S74	3	"7180957"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 14:18
S75	3	"7180958"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 14:18
S76	3	"7180959"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 14:19
S77	4	"7302631"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 14:19
S78	1	("20040109510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:21
S79	1	("20030152154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:22
S80	1	("20060126751").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:27
S81	1	("20050099325").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:27
S82	1	("20040240580").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:27
S83	1	("20040208257").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:28
S84	1	("20040170231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:28
S85	1	("20040109509").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 14:29

S86	4371950	((run adj1 length) or (run \$1length)) dj1 limited	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 15:08
S87	3579	((run adj1 length) or (run \$1length)) adj1 limited	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 15:08
S88	2211	((run adj1 length) or (run \$1length)) adj1 limited near3 cod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 15:08
S89	1512	((run adj1 length) or (run \$1length)) adj1 limit\$3 adj1 (code\$3 or encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 15:09
S90	24	(((run adj1 length) or (run \$1length)) adj1 limit\$3 adj1 (code\$3 or encod\$3)) and ((eliminat\$3 or cancel\$3) near3 transition\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/13 15:13
S91	33	(code\$1 near6 (sampling adj1 rate\$1)) and (cod\$3 adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 10:54
S92	7	(code\$1 near6 (sampling adj1 rate\$1)) and ((maxim\$3 or optim\$3 or best or largest or biggest) near2 (cod\$3 adj1 gain))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 10:56
S93	4	(code\$1 near5 (reduc\$3 or eliminat\$3 or cancel\$3) near3 transition\$1) and (degree near4 (reduc\$3 or eliminat\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 10:59
S94	4	(code\$1 near5 (reduc\$3 or eliminat\$3 or cancel\$3) near3 transition\$1) and (degree\$1 near4 (reduc\$3 or eliminat\$3 or cancel\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 10:59
S95	1	("7180957").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 11:03
S96	1	("20040081248").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 11:05
S97	1	("7289574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 11:06
S98	29	((select\$3 or choos\$3 or pick or determin\$3 or elect\$3) near3 code\$1) near8 (coding adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 11:07
S99	1	("20040170231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 11:37

S100	0	(code\$1 near4 (different or distinct) near2 (sampl\$3 adj1 rate\$1)) same ((select\$3 or choos\$3 or pick\$3) near2 code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 11:39
S101	13	(code\$1 near4 (different or distinct) near2 (sampl\$3 adj1 rate\$1)) and ((select\$3 or choos\$3 or pick\$3) near2 code\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 11:39
S102	45	(code\$1 near4 (different or distinct) near2 (sampl\$3 adj1 rate\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 11:45
S103	103	((select\$3 or choos\$3 or pick or determin\$3 or elect\$3 or decid\$3 or using) near3 code \$1) near8 ((coding adj1 gain))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 12:02
S104	6	((select\$3 or choos\$3 or pick or determin\$3 or elect\$3 or decid\$3 or using) near3 code \$1) near8 ((optim\$5 or maxim\$4 or best or largest or biggest) near2 ((coding adj1 gain)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 12:03
S105	232	((optim\$5 or maxim\$4 or best or largest or biggest) adj1 ((coding adj1 gain)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 14:49
S106	140	((optim\$5 or maxim\$4 or best or largest or biggest) adj1 ((coding adj1 gain))) and @ad<= "20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 14:49
S107	32	((optim\$5 or maxim\$4 or best or largest or biggest) adj1 ((coding adj1 gain) with code) and @ad<= "20040303")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 14:51
S108	0	((calculat\$3 or determin\$3 or detect\$3) adj1 ((coding adj1 gain) near4 (all or each or every) adj2 code) and @ad<= "20040303")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:05
S109	0	((calculat\$3 or determin\$3 or detect\$3) near4 ((coding adj1 gain) near4 (all or each or every) adj2 code) and @ad<= "20040303")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:06
S110	0	((coding adj1 gain) near4 (all or each or every) adj2 code) and @ad<= "20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:06

S111	643	((coding adj1 gain) near4 code\$1) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:06
S112	12	((coding adj1 gain) near4 ((plurality or different) near3 code\$1)) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:07
S113	32	((optim\$5 or maxim\$4 or best or largest or biggest or highest) adj1 (coding adj1 gain) with code) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:25
S114	0	((highest) adj1 (coding adj1 gain) with code) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:25
S115	54	gprs and (coding adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:35
S116	14	gprs and ((large\$3 or high\$3 or maxim\$4) near3 (coding adj1 gain))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 15:36
S117	1	("5636279").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 15:45
S118	1	("5859601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 16:43
S119	69	code near5 (limit\$3 or reduc\$3) near4 (number near4 transition\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 16:45
S120	11	code near5 (limit\$3 or reduc\$3) near4 (number near4 transition\$1) and (coding adj1 gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 16:45
S121	3	code near5 (limit\$3 or reduc\$3) near4 (number near4 transition\$1) and (coding adj1 gain) and r1l	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 16:47
S122	2	((mtr or (maximum adj1 transition adj1 run)) and ((full adj1 swing) or full \$1swing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 16:50
S123	38	((mtr or (maximum adj1 transition adj1 run)) and ((coding adj1 gain) or coding \$1gain))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/21 16:53
S124	1	("6526530").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 17:13
S125	1	("6819137").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 17:14

S126	1	("7302631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 17:15
S127	1	("20030152154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 17:17
S128	334	(code\$1 with (transition\$1 near6 (signal near2 level \$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:03
S129	1	S128 and ((cod\$3 near4 gain) near9 (sampl\$3 near2 (rate\$1 or frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:04
S130	25	((cod\$3 near4 gain) near9 (sampl\$3 near2 (rate\$1 or frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:05
S131	16	((cod\$3 near4 gain) near9 (sampl\$3 near2 (rate\$1 or frequency))) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:05
S132	1	((cod\$3 near4 gain) near9 (sampl\$3 near2 (rate\$1 or frequency)) near9 channel \$1) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:16
S133	19	(sampl\$3 adj1 (rate or frequency) near5 (((impulse or pulse) adj1 response) near2 channel) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:18
S134	3	(sampl\$3 adj1 (rate or frequency)) adj2 (((impulse or pulse) adj1 response) near2 channel) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/25 10:19
S135	38	(sampl\$3 near2 (rate or frequency)) near3 (((impulse or pulse) adj1 response) near2 channel) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 10:19
S136	4	(cod\$3 near4 (gain or weight \$1)) and (sampl\$3 near2 (rate or frequency)) near3 (((impulse or pulse) adj1 response) near2 channel) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 10:20
S137	1	(cod\$3 near4 (gain or weight \$1)) and (gain same (sampl \$3 near2 (rate or frequency)) near3 (((impulse or pulse) adj1 response) near2 channel)) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 10:24
S138	1	("6031472").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:32

S139	1	("6538584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:33
S140	1	("6731692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:34
S141	1	("20030152154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:36
S142	1	("20030108134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:37
S143	1	("5859601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:40
S144	23	"5859601" and ((gain or rate) same (channel or sampl \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 10:42
S145	19	"5859601" and ((gain or rate) with (channel or sampl \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 10:42
S146	1	("6526530").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:48
S147	1	("8819137").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:49
S148	1	("6917312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:50
S149	1	("7113550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:50
S150	1	("7302631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:51
S151	1	("20030152154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:51
S152	1	("20040109509").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:52
S153	1	("6696988").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 10:59
S154	1	("5812079").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 11:00
S155	1	("5640163").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 11:00
S156	1	("6211803").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 11:01
S157	0	(cod\$3 near4 (gain or weight \$1)) and ((distance) with (sampl\$3 near2 (rate or frequency)) near3 (((impulse or pulse) adj1 response) near2 channel)) and @ad<="20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 11:14
S158	22	(sampl\$3 adj1 rate) near4 (distance adj2 sample\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/29 12:01

**6/30/2009 5:19:55 PM**

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